METHODS FOR MEASUREMENT AND ANALYSIS OF BRAIN ACTIVITY

ABSTRACT

A computer assisted method is provided for diagnosing the in condition of a subject associated with particular activation in one or more regions of interest, the method comprising: having the subject perform a behavior or have a perception adapted to selectively activate one or more regions of interest associated with the condition; measuring activity of the one or more regions of interest as the behavior is performed or the subject has the perception; diagnosing the condition associated with the one or more regions of interest based on the activity in response to the behavior or perception; performing an intervention; and repeating this process one or more times including repeating said behavior, said measuring of activity and said diagnosis at a later time; and observing changes between measurements that are associated with said intervention.